

# SLI Compliance

## Data, Software or TDP Minor Change Evaluation & Review Form

<b>Vendor:</b>	Hart InterCivic	<b>Date:</b>	2/14/2023
<b>Change ID:</b>	ECO-01575	<b>System(s):</b>	Verity Voting 2.6 and 2.7
<b>Product:</b>	Verity Count server	<b>Relevant Application(s):</b>	SQL patch: <b>Verity 2.6:</b> Data/Build/Count, Count Standalone, Count Server <b>Verity 2.7:</b> Data/Build/Count, Count Standalone, Count Server

Put an X in the appropriate box(es):

<input type="checkbox"/>	<b>TDP Change</b>
<input type="checkbox"/>	<b>Data Change</b>
<input checked="" type="checkbox"/>	<b>Software Change</b>

<b>Change Summary Description</b>
The changes eliminate an anomaly in the Verity Count Write-In Assignment UI where only the first one hundred write-ins for a contest are shown. The changes were developed in response to the Verity Count: Only 100 Write-ins In Assignment UI, Verity Voting 2.6 Root Cause Analysis (RCA). This change is applied with a SQL patch that has been validated by Hart Quality Assurance to correct the anomaly in new and existing elections.
<b>Reference Documents:</b>
EAC 2005 Voluntary Voting System Guidelines (VVSG) Vol. II, Sec. 1.7.2 EAC Voting System Testing and Certification Program Manual Ver. 3.0, Sec. 3.5.1. NOC 19-01: Software De Minimis Changes, 11-15-2019
<b>Documentation used in SLI's Assessment:</b>
ECO-01575 Summary - Verity Count Write-In UI Anomaly 4005815 A00 Hart RCA Verity Count Write-In Assignment UI ECO-01575 QA Test Report for Verity 2.6 and 2.7 Write-In UI Anomaly Verity Count 2.6,2.7 Write-In UI Patch Process 4005817 A00
<b>Manufacturer Reasoning for Minor Change Determination</b>
No data, tables, or columns in the database will be affected by this change. Verity Count software will not be altered as there is no change to the application's executing code. The hash codes identifying the unique software deployment as certified by the EAC will not be altered, nor will the versioning.

Put an X in the appropriate box:

Change Evaluation	Comments
<input type="checkbox"/> The change affects the form, fit or function of the voting system component(s) and therefore requires further testing to be performed.	N/A

	<b>Minor change:</b> a change to a certified voting system's data and/or TDP, the nature of which will not materially alter the system's reliability, functionality, capability, or operation	N/A
<b>X</b>	<b>Software Minor change:</b> a change to the system's software that meets the EAC requirements as identified below.	SQL patch will be rolled out to affected customers that use the following workstation configurations: <b>Verity 2.6</b> Data/Build/Count, Count Standalone, Count Server <b>Verity 2.7</b> Data/Build/Count, Count Standalone, Count Server

**Software minor changes should have the following general characteristics:**

- (1) Update a discrete component of the system and do not impact overall system functionality. (2) Do not modify the counting or tally logic of a component or the system (formatting changes to reports are allowable). (3) Do not affect the accuracy of the component or system. (4) Do not negatively impact the functionality, performance, accessibility, usability, safety, or security of a component or system. (5) Do not alter the overall configuration of the certified system (e.g. adding ballot marking device functionality to a previously certified DRE component). (6) Can be reviewed and/or tested by VSTL personnel in a short amount of time (approximately less than 100 hours)

<b>SLI Evaluation and Minor Change Determination</b>
<p>This change affects Verity Count server products on the Verity Voting 2.6 and 2.7 systems only and eliminates the corner-case condition display error in the Count Write-In Assignment UI. There are no changes to other Verity devices or workstation software.</p> <p>The testing of functionality, accuracy, volume, performance, reliability, stress, security, and integration, as detailed in "ECO-01575 QA Test Report for Verity 2.6 and 2.7 Write-In UI Anomaly provides sufficient coverage of the implemented changes to eliminate this anomaly in the Verity Count Write-In Assignment UI where only the first one hundred write-ins for a contest are shown.</p> <p>All testing passed with no issues or anomalies observed.</p> <p>No further testing is required because the bug is in the UI and not in the voting logic, the fix does not alter any part of the voting process.</p> <p>As required under section 3.5.1 of the EAC's Voting System Testing and Certification Program Manual Version 3.0, and in accordance with the instruction provided in <i>NOC 19-01: Software De Minimis Changes</i>, SLI Compliance considers the nature of ECO-01575 to be minor and therefore not to affect the Federal certification status for the Verity 2.6 and 2.7 Count server.</p>

<b>For Software minor changes only: Summary of Test Results (attach any additional documentation)</b>
Please see ECO-01575 QA Test Report for Verity 2.6 and 2.7 Write-In UI Anomaly Correction.

	Approved by/Title	Signature:	Date:
	Darrick E. Forester Hardware Test Engineer		2/14/2023
	Michael D. Santos Director		2/14/2023